# Bar Chart of Programming Language Popularity

### Aim

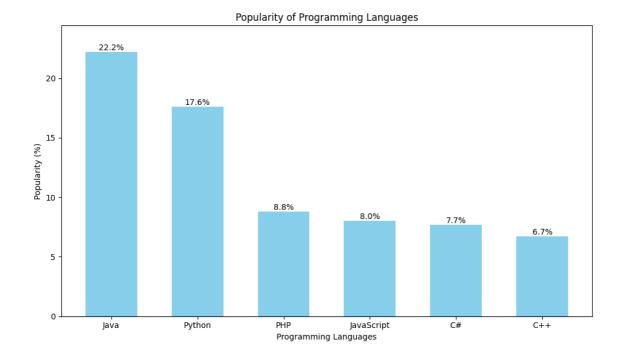
Create a bar chart displaying the popularity of programming languages using Python and Matplotlib.

# **Algorithm**

- 1. Import required libraries (matplotlib.pyplot)
- 2. Define data for programming languages and their popularity
- 3. Create a figure and axis object
- 4. Create a bar plot using plt.bar()
- 5. Set the title of the chart
- 6. Set labels for x and y axes
- 7. Customize the chart (colors, width, etc.)
- 8. Add text labels on top of each bar
- 9. Display the plot

#### Code

## **Output**



## **Result**

The bar chart successfully displays the popularity of six programming languages. Java is shown as the most popular language with 22.2% popularity, followed by Python at 17.6%. The chart provides a clear visual representation of the relative popularity of each language, with the exact percentage labeled on top of each bar for precise information.